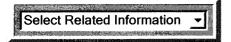
STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

F	O	R	٨	1	3

AMENDED REPORT (highlight changes)

	APPLICATION FOR	PERMIT TO	DRII I	5. MINERAL LEASE NO: 6. SURFACE:
				ML-46526 State 7. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1A. TYPE OF WO		_		Not Applicable 8. UNIT OF CA AGREEMENT NAME:
B. TYPE OF WEI	ll: OIL GAS 🗓 OTHER	SING	GLE ZONE 🛚 MULTIPLE ZON	Not Applicable
2. NAME OF OPE		1100 7		9. WELL NAME and NUMBER:
THE HO	USTON EXPLORATION COMPANY	Y 1100 Lou	PHONE NUMBER:	Bonanza #AB-16 10. FIELD AND POOL, OR WILDCAT:
3. AUDRESS OF	city Houston st	ATE TX ZIP 77		
4. LOCATION OF	WELL (FOOTAGES)			11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
AT SURFACE:	495' FNL, 2039' FEL (N	włnwłneł) o	of Section 16	NW\ne\ of Section 16
AT PROPOSED	PRODUCING ZONE:			T9S, R24E, S.L.B.&M.
14 DISTANCE IN	Same as above MILES AND DIRECTION FROM NEAREST TOWN OR P		· · · · · · · · · · · · · · · · · · ·	12. COUNTY: 13. STATE:
			F Di 00	UTAH
	imately seventeen (17) m: D NEAREST PROPERTY OR LEASE LINE (FEET)	11es southw	rest of Dinosaur, CC FACRESINLEASE:	Uintah 17. NUMBER OF ACRES ASSIGNED TO THIS WELL:
4951		2	80 acres +/-	40 acres
18. DISTANCE TO	NEAREST WELL (DRILLING, COMPLETED, OR	19. PROPOSED		20. BOND DESCRIPTION:
2.145.	R) ON THIS LEASE (FEET)	8	430'	Bond Number 104155043
	(SHOW WHETHER DF, RT, GR, ETC.):		ATE DATE WORK WILL START:	23. ESTIMATED DURATION:
5227'	GR	May	30, 2004	30 days
24.	PROPO	SED CASING AI	ND CEMENTING PROGRAM	
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUA	ANTITY, YIELD, AND SLURRY WEIGHT
12.250"	9.625" K-55 36.0#	0-2000'	430 sx circulated	to surface
7.875"	5.500" N-80 17.0#	0-8430'	615 sx cement	
			1.00	
		<u> </u>		
25.		ATTA	CHMENTS	
	LOWING ARE ATTACHED IN ACCORDANCE WITH THE			
VERIFT THE FOL	LOWING ARE ATTACHED IN ACCORDANCE WITH THE	E OTATI OIL AND GAO O	1	
X WELL PL	AT OR MAP PREPARED BY LICENSED SURVEYOR OR	ENGINEER	X COMPLETE DRILLING PLAN	
X EVIDENC	E OF DIVISION OF WATER RIGHTS APPROVAL FOR U	JSE OF WATER	FORM 5, IF OPERATOR IS PE	RSON OR COMPANY OTHER THAN THE LEASE OWNER
NAME (PLEASE I	PRINT) Robert M. Anderson		TITLE Authorize	ed Agent
·			DATE April 30,	2004
SIGNATURE				
(This space for Sta	te use only)			
API NUMBER AS	SIGNED:		APPROVAL:	





```
(WARNING: Water Rights makes NO claims as to the accuracy
          APPLICATION/CLAIM NO.: T75276
NAME: Target Trucking Inc.
ADDR: 2960 North 500 East
   Vernal, UT 84078
LAND OWNED BY APPLICANT? No
FILED: 02/18/2004 | PRIORITY: 02/18/2004 | PUB BEGAN:
                                        | PUB ENDED:
ProtestEnd:
            | PROTESTED: [No ] | HEARNG HLD:
                                        |SE ACTION: [
             |ELEC/PROOF:[
                         ]|ELEC/PROOF:
                                        |CERT/WUC:
EXTENSION:
                          |TYPE: [
RENOVATE:
             | RECON REQ:
PD Book No. Map:
Type of Right: Temporary Application Source of Info: Application to Appropri
Related Distribution System: Not part of any Distribution System
_____
SOURCE: White River
FLOW: 10.0 acre-feet
COUNTY: Uintah COMMON DESCRIPTION: 45 miles southeast of Vernal
POINT OF DIVERSION -- SURFACE:
(1) N 400 ft W 1850 ft from E4 cor, Sec 02, T 10S, R 24E, SLBM
   Diverting Works: Pump into tank trucks
PLACE OF USE OF WATER RIGHT****************************
                             NORTH-EAST¼
                   NORTH-WEST¼
                                          SOUTH-WEST¼
                              NW NE SW SE
                                         NW NE SW SE
                   NW NE SW SE
 ALL T 9S R 23E SLBM
 ALL T 9S R 24E SLBM
 ALL T 9S R 25E SLBM
 ALL T 10S R 22E SLBM
 ALL T 10S R 23E SLBM
 ALL T 10S R 24E SLBM
 ALL T 10S R 25E SLBM
 ALL T 11S R 25E SLBM
 ALL T 12S R 25E SLBM
 ALL T 13S R 25E SLBM
 ALL T 14S R 25E SLBM
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http://nrwrt2.waterrights.utah.gc WRPRINT

Natural Resources | Contact | Disclaimer | Privacy Policy | Accessibility Policy

Page 2 of 2

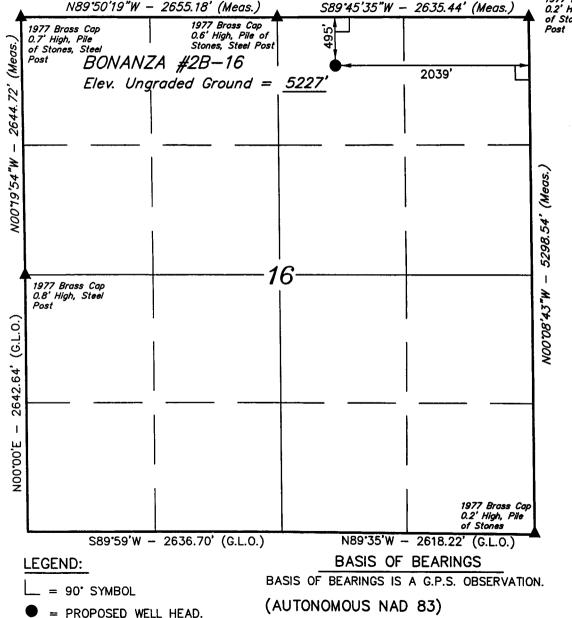
STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

FC	R	М	3
FC	R	М	3

AMENDED REPORT (highlight changes)

	APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO:	6. SURFACE:	
	APPLIC	ATION FOR	C PERMIT	DRILL		ML-46526	State
1A. TYPE OF WO	PRK: DRILL X	REENTER [DEEPE	N 🔲		Not Applicab	
B. TYPE OF WE	LL: OIL GAS X	OTHER	S	INGLE ZONE	X MULTIPLE ZON	8. UNIT or CA AGREEMENT	NAME:
2. NAME OF OPE						Not Applicab 9. WELL NAME and NUMBE	
	USTON EXPLORAT	ION COMPAN	Y 1100 L	ouisiana,	Suite 2000	Bonanza #\$B-	·16
3. ADDRESS OF		**	mzz	77002	PHONE NUMBER:	73 Wildow 10.	
4. LOCATION OF	WELL (FOOTAGES)	Houston s	TATE TX ZIP	77002	713-830-69	11. QTR/QTR, SECTION, TO	
AT SURFACE:	495' FNL, 20	39' FEL (N	W¦NW¦NE¦;)	of Secti	ion 16	MERIDIAN:	
	PRODUCING ZONE:					$W_4^{\downarrow}NE_4^{\downarrow}$ of Se T9S, R24E, S	
		me as abov	e 44	33718Y	.109. 2163	12. COUNTY:	13. STATE:
			001 011102.				UTAH
Approx	imately sevent	een (17) m	iles sout	hwest of	Dinosaur, C	O Uintah 17. NUMBER OF ACRES ASSIGNE	D TO THIS WELL:
	NEARCOTT NOT ENTITION EL	AGE LINE (FEET)	10.110.110.1			40 acres	
495 1	O NEAREST WELL (DRILLING,	COMPLETED, OR	19. PROPOS	280 acre	2S T/-	20. BOND DESCRIPTION:	
	R) ON THIS LEASE (FEET)			8430 '		Bond Number 10	14155043
2.145. 21. ELEVATIONS	(SHOW WHETHER DF, RT, GF	t, ETC.):	22. APPROX	(IMATE DATE WOR	K WILL START:	23. ESTIMATED DURATION:	1133013
5227 '	GR		М	ay 30, 20	004	30 days	
<u> </u>	OR						
24.		PROPO	SED CASING	AND CEMEN	ITING PROGRAM		
SIZE OF HOLE	CASING SIZE, GRADE, AND	WEIGHT PER FOOT	SETTING DEPTH		CEMENT TYPE, QU	JANTITY, YIELD, AND SLURRY WEIGH	<u>IT</u>
12.250"	9.625" K-55	36.0#	0-2000'	430 sz	<u>circulated</u>	to surface	
7.875"	5.500" N-80	17.0#	0-8430'	615 sz	k cement		
					· ·		
						DECE	-IV/ED
	<u> </u>					NECE	EIVED
25.			AT	TACHMENTS		MAY 0	4 2004
VERIFY THE FOL	LOWING ARE ATTACHED IN A	CCORDANCE WITH TH	E UTAH OIL AND GA	S CONSERVATION	GENERAL RULES:		
						DIV. OF OIL, G	AS & MINING
X WELL PL	AT OR MAP PREPARED BY LIC	ENSED SURVEYOR OF	RENGINEER	X co	OMPLETE DRILLING PLAN		
X EVIDENC	CE OF DIVISION OF WATER RIC	SHTS APPROVAL FOR	USE OF WATER	□ F	ORM 5, IF OPERATOR IS PI	ERSON OR COMPANY OTHER THAN	THE LEASE OWNER
	n 1				A tho and -	ad Acont	
NAME (PLEASE	PRINT) Robert M	. Anderson			LE Authoriz	ed Agent	
SIGNATURE	NAME OF	300		DA1	me April 30	, 2004	
(This space for Sta	ite use only)						
(This space for Sta	ue use omy)					Approved by the	-1
		<i>I</i>				Utah Division of	# # -
API NUMBER AS	SIGNED: 43-047-	35494		APPROVA	NL: - 0	il, Gas and Mining	j
					Date:	10100	
(44/0004)			/Con Instr	uctions on Reverse		ULTER TOPY	
(11/2001)			(See instr	COLORIS ON INSVEISE	, By :	VORVE THAT	

T9S. R24E. S.L.B.&M.



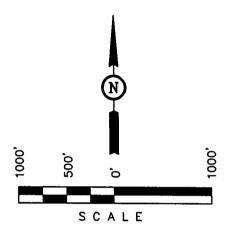
THE HOUSTON EXPLORATION COMPANY

Well location, BONANZA #2B-16, located as shown in the NW 1/4 NE 1/4 of Section 16, T9S, R24E, S.L.B.&M. Uintah County, Utah.

1977 Brass Cap 0.2' Hlah, Pile of Stones, Steel

BASIS OF ELEVATION

BENCH MARK (50EAM) LOCATED IN THE NW 1/4 OF SECTION 20, T9S, R24E, S.L.B.&M. TAKEN FROM THE BONANZA QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5240 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OF HUNDER MY SUPERVISION AND THAT THE SAME ARE TRUE TO CORRECT AND BELIEF

STATE TUTAH

UINTAH ENGINEERING 85 SOUTH 200 EAST

VERNAL, TOPPEN

(435) 789-1017

SCALE DATE SURVEYED: DATE DRAWN: 1" = 1000'04-23-04 04-25-04 PARTY REFERENCES B.B. T.H. D.R.B. G.L.O. PLAT WEATHER FILE **WARM** THE HOUSTON EXPLORATION COMPANY

(AUTONOMOUS NAD 83)

LATITUDE = $40^{\circ}02'30.34"$ (40.041761)

= SECTION CORNERS LOCATED.

LONGITUDE = $109^{\circ}13'00.94"$ (109.216928)

THE HOUSTON EXPLORATION COMPANY State of Utah Lease #ML-46526, Bonanza #2B-16 NW¼NW¼NE¼, Section 16, T9S, R24E Uintah County, Utah

DRILLING PROGNOSIS

1. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS

Green River	Surface	Buck Tongue	8038'
Uteland Buttes	3738'	Castlegate	8102'
Wasatch	3819'	Mancos	8318'
Mesaverde	5596'	Total Depth	8430'

2. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERAL FORMATIONS

Wasatch	3819'	Gas - Possible	
Mesaverde	5596'	Gas - Possible	
Castlegate	8102'	Gas - Primary Objective	e

Any shallow water zones encountered will be adequately protected and reported. All potentially productive hydrocarbon zones will be cemented off.

3. PRESSURE CONTROL EQUIPMENT

- A. Type: Eleven (11) Inch Double Gate Hydraulic BOP with Eleven (11) Inch Annular Preventer. The Blow-Out Preventer will be equipped as follows:
 - 1. One (1) blind ram (above).
 - 2. One (1) pipe ram (below).
 - 3. Drilling spool with two (2) side outlets (choke side 3-inch minimum, kill side 2-inch minimum).
 - 4. Kill line (2-inch minimum).
 - 5. Two (2) kill line valves, one of which will be a check valve (2-inch minimum).
 - 6. One 3-inch (minimum) choke line.
 - 7. Two (2) choke line valves (3-inch minimum).
 - 8. Two (2) adjustable chokes.
 - 9. Pressure gauge on choke manifold.
 - 10. Upper kelly cock valve with handle available.
 - 11. Safety valve & subs to fit all drill strings in use.
 - 12. Fill-up line above the uppermost preventer.

B. Pressure Rating: 3,000 psi

C. Testing Procedure:

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug).

The Houston Exploration Company Bonanza #2B-16 Drilling Prognosis Page 2

3. PRESSURE CONTROL EQUIPMENT

C. Testing Procedure: Continued

Pressure will be maintained for a period of at least 10 minutes or until the requirements of the test are met, whichever is longer. At a minimum, the above pressure test will be performed:

- 1. When the BOP is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition to the above, the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

E. Miscellaneous Information:

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with recommendations contained in API RP 53.

The choke manifold and BOP extension rods with hand wheels will be located outside the rig sub-structure. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

4. THE PROPOSED CASING AND CEMENTING PROGRAM

A. Casing Program: All New

Hole Size	Casing Size	Wt./Ft.	Grade	Joint	Depth Set

12.250"	9.625"	36.0#	K-55	ST&C	0 - 2000'
7.875"	5.500"	17.0#	N-80	LT&C	0 - 8430'

B. Cementing Program:

<u>Surface Casing</u> - Lead with approximately 218 sx Premium Lite II cement + additives mixed at 11.0 ppg (yield = 3.38 ft³/sx).

The Houston Exploration Company Bonanza #2B-16 **Drilling Prognosis** Page 3

4. THE PROPOSED CASING AND CEMENTING PROGRAM

B. Cementing Program: Continued

Tail with approximately 212 sx Class G cement + additives mixed at 15.6 ppg (yield = $1.20 \text{ ft}^3/\text{sx}$). Cement will be Surface Casing

circulated back to surface with 100% excess.

Lead with approximately 115 sx Premium Lite II cement + Production Casing -

additives mixed at 11.0 ppg (yield = $3.38 \text{ ft}^3/\text{sx}$).

Tail with approximately 500 sx 50/50 Poz Class G cement +

additives mixed at 14.3 ppg (yield = $1.31 \text{ ft}^3/\text{sx}$).

The above cement volumes are approximate and were calculated under the assumption that a gauge hole will be achieved. Actual cement volumes may vary due to variations in the actual hole gauge and will be determined by running a caliper log on the drilled hole.

All waiting on cement (WOC) times will be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

5. MUD PROGRAM - Visual Monitoring

Interval	Mud Type	Weight	Viscosity	Fluid Loss
0 - 2000'	Fresh Water			
2000 - 8430'	LSND	8.5 - 9.3	28 - 32	< 12 cc's

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain a blowout will be available at the well site during drilling operations.

6. EVALUATION PROGRAM

- from 8430' to 2000' : DIL-FDC-BHC Logs

CNL-SP-CAL-GR * - from 8430' to 2000'

* Pull Gamma Ray Log Back to Surface

: DST's will be run as warranted by logs and/or shows - none are scheduled at DST's

this time.

: None anticipated. Cores

The evaluation program may change at the discretion of the well site geologist.

The Houston Exploration Company Bonanza #7B-16 Drilling Prognosis Page 4

7. ABNORMAL CONDITIONS

No abnormal temperatures or pressures are anticipated. No H₂S gas has been encountered in or known to exist from previous wells drilled to similar depths in the general area.

Maximum anticipated bottom hole pressure equals approximately 4,215 psi (calculated at 0.50 psi/foot) and maximum anticipated surface pressure equals approximately 2,361 psi (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. ANTICIPATED STARTING DATE

Anticipated Commencement Date: May 30, 2004

Drilling Days : Approximately 30 Days Completion Days : Approximately 15 Days

9. OTHER INFORMATION

- 1. A comprehensive cultural resources inventory has been conducted on the proposed Bonanza #2B-16 well location and access road route. The subject inventory was conducted by John M. Scott/Metcalf Archaeological Consultants, Inc. (MAC) of Eagle, Colorado on April 29, 2004 and cultural clearance has been recommended for the subject proposal by Mr. Scott. A copy of the MAC report will be forwarded to your office upon immediately upon receipt thereof. We expect that copies of the report will be forwarded directly to both Jim Dykman/UDSH Compliance Coordinator and Kenny Wintch/SITLA Archaeologist by MAC via overnight mail on/about May 5, 2004.
- 2. Fresh water for use in drilling operations will be furnished by Target Trucking, Inc. of Vernal, Utah under existing Water Right Number 49-2171, Temporary Application Number T75276, which includes an appropriation for use in drilling operations in Section 16, T9S, R24E. Drilling water will be diverted from the White River at a point located approximately in the SWSE¼ of Section 2, T10S, R24E as approved in the subject Application to Appropriate Water.

10. PLANS FOR RECLAMATION OF THE SURFACE

A. Producing Operations:

- 1. Backfilling, leveling and re-contouring are planned as soon as possible after cessation of drilling and completion operations. Waste and spoil materials will be disposed of immediately upon cessation of drilling and completion activities.
- 2. For production, the fill slopes will be reduced from a 1.5:1 slope to a 3:1 slope and the cut slopes will be reduced from a 2:1 slope to a 3:1 slope by pushing the fill material back up into the cut.

The Houston Exploration Company Bonanza #2B-16 Drilling Prognosis Page 5

10. PLANS FOR RECLAMATION OF THE SURFACE

A. Producing Operations: Continued

- 3. Upon completion of backfilling, leveling and recontouring, all disturbed surfaces (access road and well pad areas) will be scarified to a depth of one (1) foot and the stockpiled topsoil will be evenly redistributed to a depth of six (6) inches over the reclaimed area(s).
- 4. Prior to commencement of seeding operations, the seedbed will be prepared by disking on the contour to a depth of four (4) to six (6) inches. The entire disturbed area will be uniformly covered with depressions constructed perpendicular to the natural flow of water to facilitate the capture of moisture and subsequent promotion of revegetation success.
- 5. All disturbed surfaces (including the access road and well pad areas) will be reseeded using the following seed mixture (or a different mixture to be recommended by the Authorized Officer, Utah Division of Oil, Gas and Mining:

	Species	Pounds Pure Live Seed
Common Name	Scientific Name	(PLS) per Acre
Siberian wheatgrass	Agropyron frailie	3.00
Russian wildrye Psathyrostachys juneca		2.00
Indian ricegrass Stypia hymenoides		1.00
Crested wheatgrass	Agropyron cristatum	2.00
Needleandthread grass	Hesperostipia commata	0.50
Thickspike wheatgrass	Elymus lanceolauts	2.50
Globe mallow	Sphaeralcea coccinea	0.25
Fourwing saltbush	Atriples cansence	2.00
Forage kochia	Kochia postrata	0.50
Winterfat	Eurotia lanata	1.00
Wyoming big sagebrush	Artemesia tridentata	0.50

- 6. Seed will be drilled on the contour with a seed drill equipped with a depth regulator in order to ensure even depths of planting. Seed will be planted between one-quarter (1/4) to one-half (1/2) inches deep.
- 7. Fall seeding will be completed after September 15th and prior to ground frost. If applicable, spring seeding will be completed after the frost has left the ground and prior to May 1st. The seeding will be repeated until a satisfactory stand, as determined by the UDOGM, is achieved. The first evaluation of growth will be made following the completion of the first growing season.
- 8. Re-seeding activities are considered best in the fall of 2005, unless otherwise requested by the Authorized Officer, UDOGM.

The Houston Exploration Company Bonanza #2B-16 Drilling Prognosis Page 6

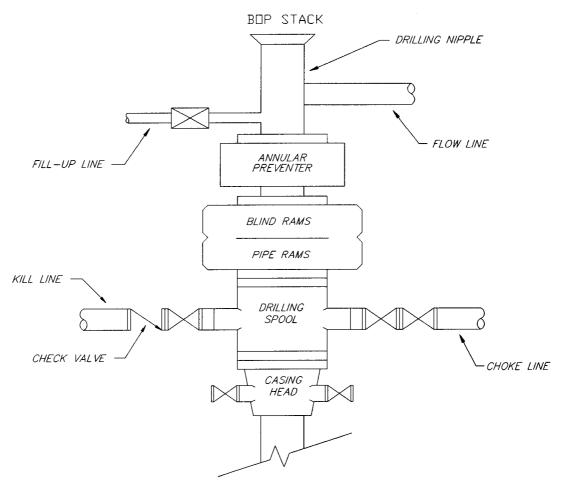
10. PLANS FOR RECLAMATION OF THE SURFACE - Continued

B. Abandoned Well Location:

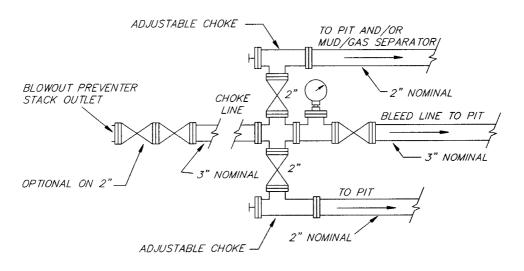
- 1. Upon final abandonment of the well location, gravel will be removed from the access road surface and well location (as directed by the Authorized Officer), water diversion installed as needed, and both the access road and well location restored to approximately the original ground contour(s) by pushing the fill material back into the cut and up over the backslope.
- 2. Prior to commencement of seeding operations, the seedbed will be prepared by disking on the contour to a depth of four (4) to six (6) inches. All disturbed surfaces (including the access road and well pad areas) will be reclaimed and reseeded as recommended in Item #'s 10C3-7, above.

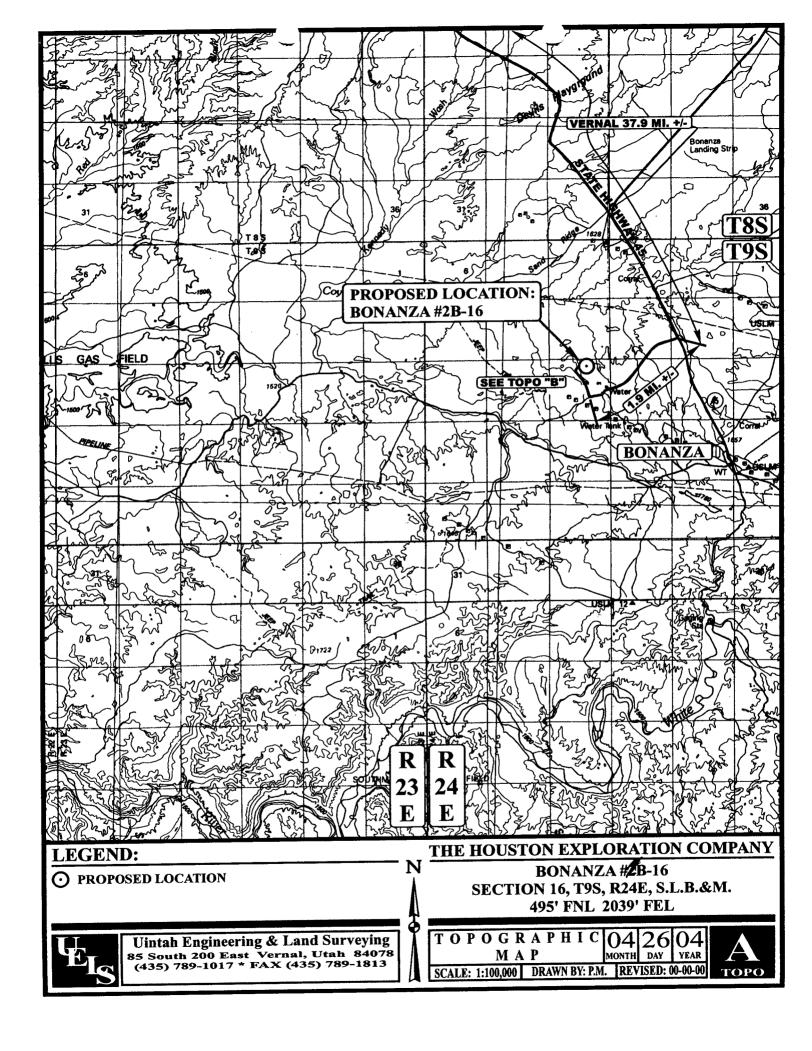
THE HOUSTON EXPLORATION COMPANY

TYPICAL 3,000 p.s.i. BLOWOUT PREVENTER SCHEMATIC



TYPICAL 3,000 p.s.i. CHOKE MANIFOLD SCHEMATIC





THE HOUSTON EXPLORATION COMPANY BONANZA #2B-16 LOCATED IN UINTAH COUNTY, UTAH

SECTION 16, T9S, R24E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY



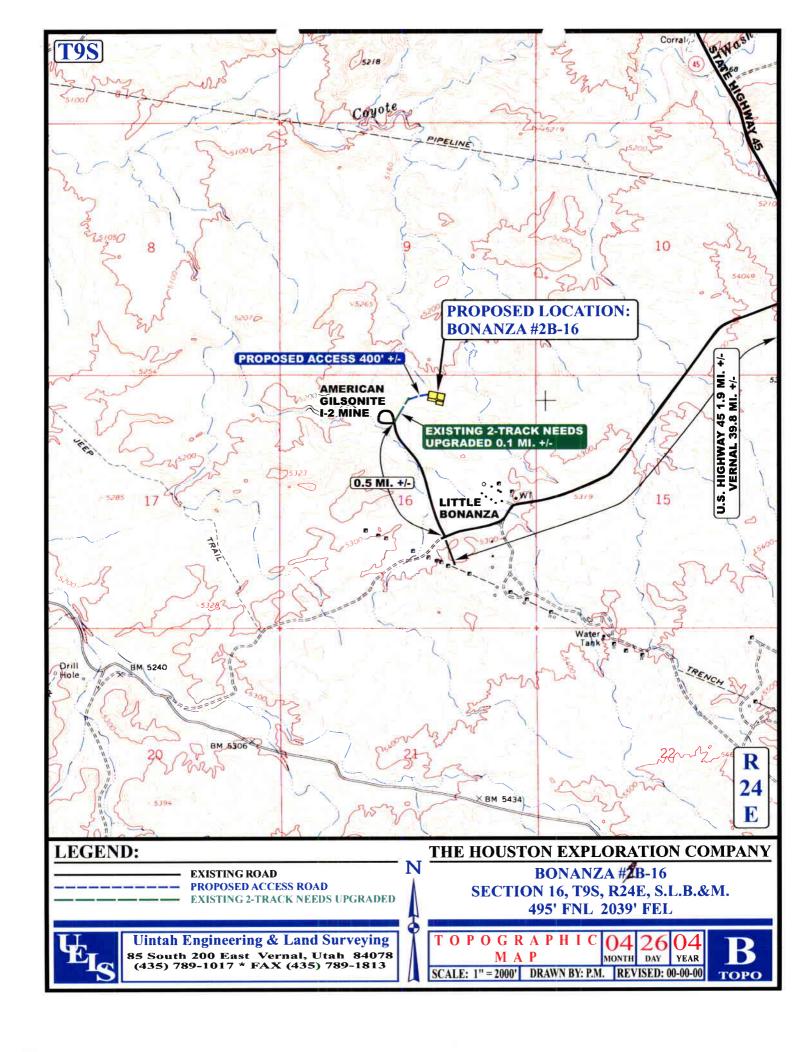
PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

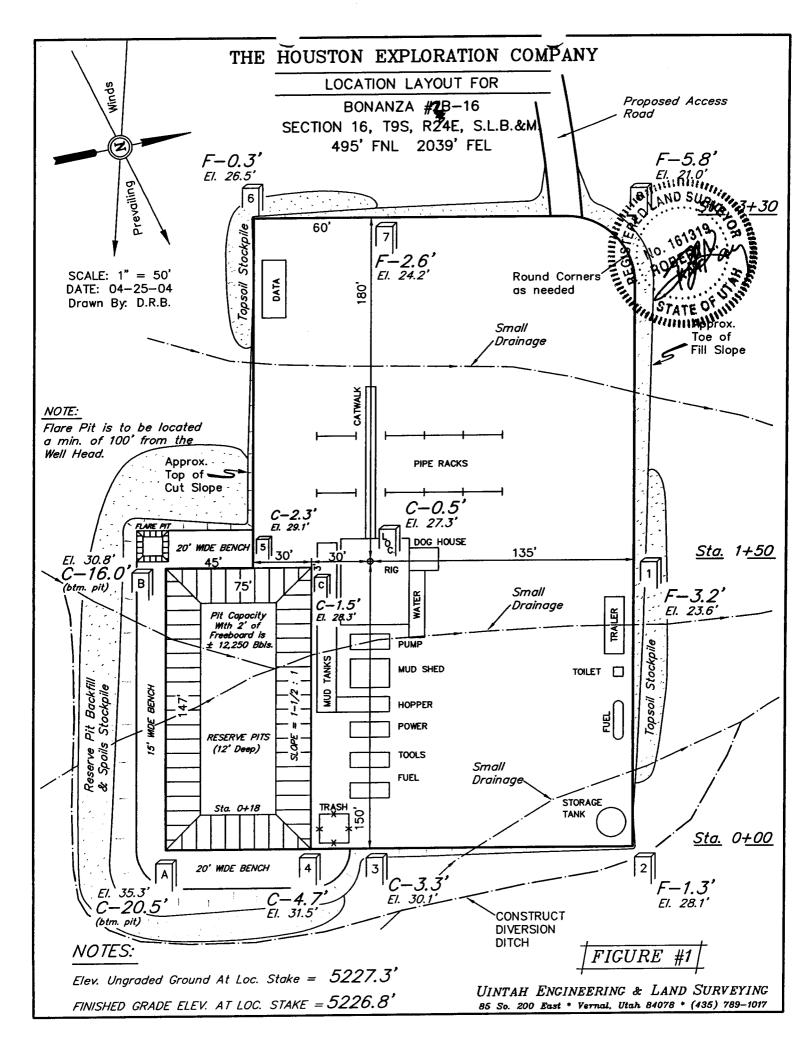
CAMERA ANGLE: NORTHEASTERLY

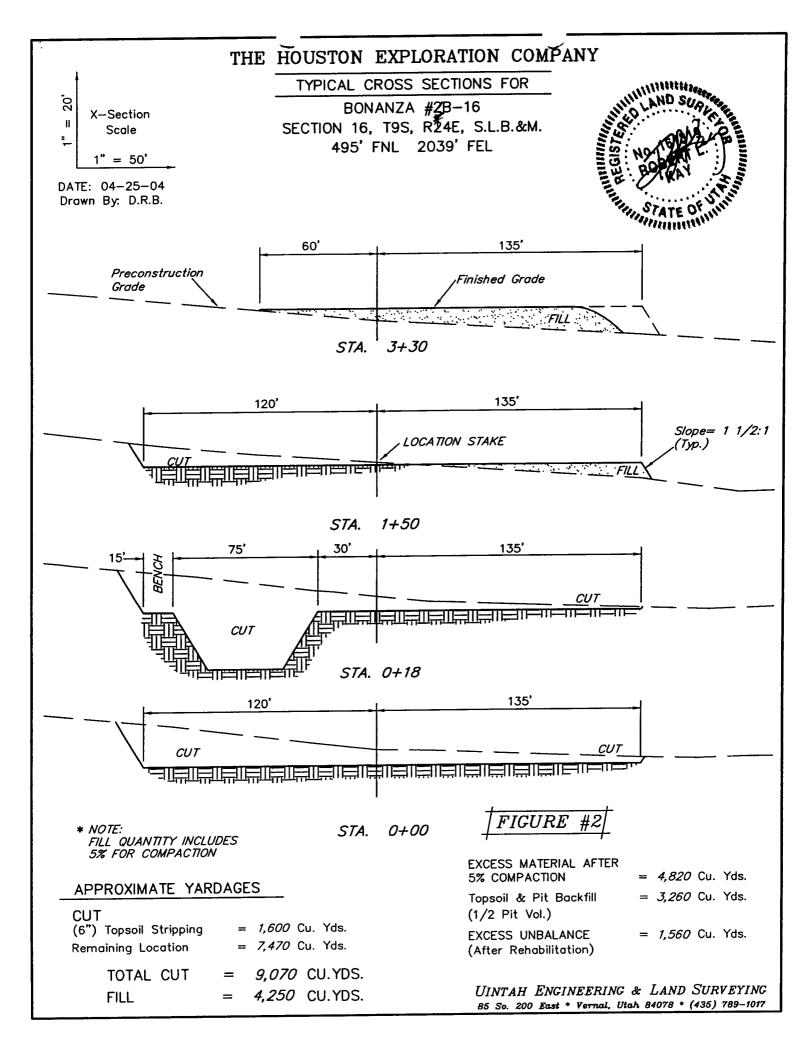


TAKEN BY: B.B. DRAWN BY: P.M. REVISED: 00-00-00

РНОТО

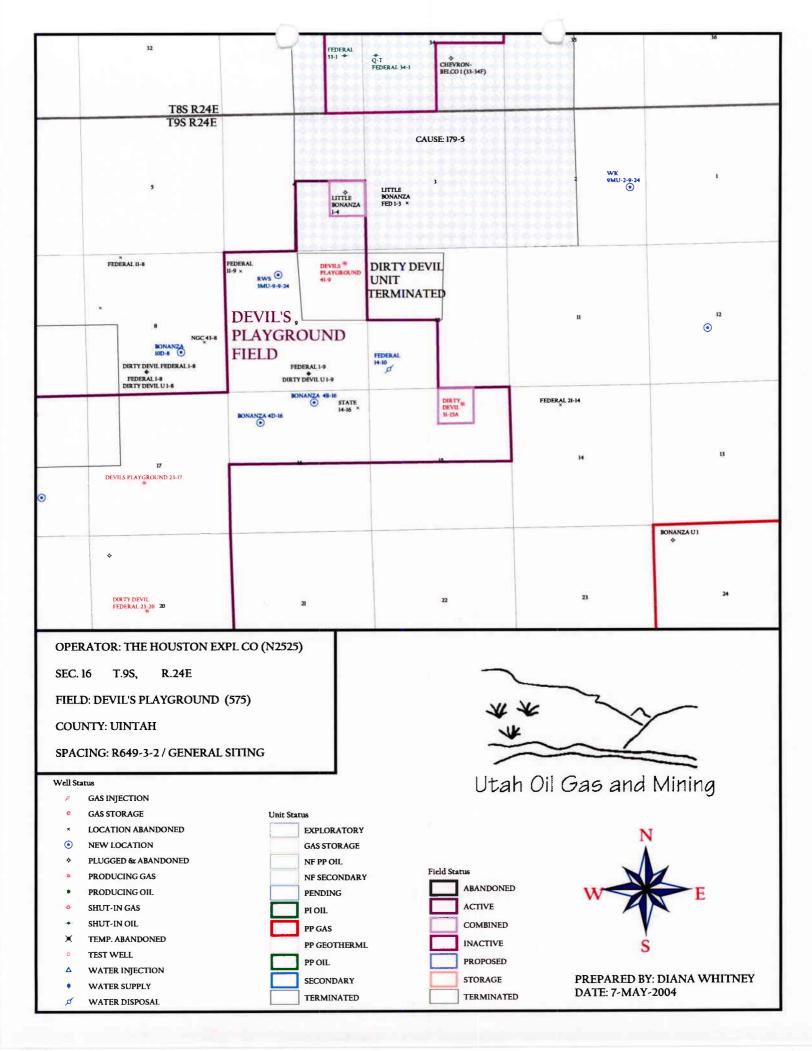






APPLICATION FOR PERMIT TO DRILL

APD RECEIVE	D: 05/04/2004	API NO. ASSIGNED: 43-047-35694			
OPERATOR:	BONANZA #8-16 HOUSTON EXPLORATION CO, (N2525) ROBERT ANDERSON	PHONE NUMBER: 7	13-830-6973		
PROPOSED LO	CATION: 16 090S 240E	INSPECT LOCATION	1 BY: /	/	
	: 0495 FNL 2039 FEL 0495 FNL 2039 FEL	Tech Review	Initials	Date	
UINTAH	PLAYGROUND (575)	Engineering	DKD	5/21/04	
LEASE TYPE:	3 - State CR: ML-46526 6 €	Geology			
SURFACE OWN	ME 10320 00 MER: 3 - State CRMATION: CSLGT CHANE WELL? NO	LATITUDE: 40.0			
Plat Bond: (No. N Potas N Oil S Water (No. RDCC (Dat	Topic Topi	R649-3-3. Drilling United Board Cause Eff Date: Siting:	General From Qtr/Qtr & 920 Exception it		
COMMENTS: _	Needs Prest	· (5-18-04)			
3-5. 4-5/	15: 1- Spacing 2- States reface Casing Cement Stips 2" production strong shall be cem derately Saline Ground untel.	Whip NEWT OF BASIS	5 2500 min. to	protect Buse of	



From:

Ed Bonner

To:

Whitney, Diana

Date:

5/6/2004 5:26:16 PM

Subject:

Re: The Houston Expl. Company lease and bond

The Houston Exploration Company lease ML 46526 is OK Bond No. 104155043 in the amount of \$80,000 is OK



May 3, 2004

Mr. Lloyd Bruce The Houston Exploration Company 1100 Louisiana, Suite 2000 Houston, Texas 77002

Re:

Archaeological inventory of the proposed Bonanza 2B-16 well project in Uintah County,

Utah

Dear Mr Bruce,

Enclosed is one copy of our cultural resource inventory report for the proposed Bonanza 2B-16 well and its associated access road. The fieldwork was done April 29, 2004 and has the Utah State project #U-04-MM-0389s. MAC recommends a finding of no historic properties for this project. No cultural resources were located during this inventory. No further cultural resource work is recommended.

One copy of the report has been sent to Kenny Wintch at the Utah State Institutional and Trust Lands Administration. Another copy has been sent to James Dykman, the Utah Division of State History. A third copy has been sent to Bob Anderson of Heitzman-Anderson.

Thank you for the opportunity to participate in this project. As always, please do not hesitate to contact our office if you have any questions or concerns about the enclosed report or about any aspect of our involvement in this project.

Sincerely,

Patrick K. O'Brien

Senior Staff Archaeologist

cc:

Bob Anderson of Heitzman-Anderson

James Dykman, UDSH Compliance Coordinator

Kenny Wintch, SITLA Archaeologist

COPY

RECEIVED

MAY 1 3 2004

DIV. OF OIL, GAS & MINING

(701) 258-1215 FAX: (701) 258-7156 P.O. Box 2154 Bismarck, ND 58502 macnodak@btigate.com

(970) 328-6244 FAX: (970) 328-5623 P.O. Box 899 Eagle, CO 81631 mac@metcalfarchaeology.com

COVER PAGE Must Accompany All Project Reports Submitted to Utah SHPO

Project Name: The Houston Exploration Company: Class III Cultural Resource Inventory for the Bonanza 2B-State Proj. No. U-04-MM-0389s 16 Well Project in Uintah County, Utah. Report Date: May 3, 2004 Principal Investigator: Michael D. Metcalf Field Supervisor(s): John M. Scott Records search completed at what office(s)? <u>Utah Division of State History</u> Record search date(s): April 28, 2004 Acreage Surveyed Intensive: 11.8 acres Recon/Intuitive: 0.0 acres 7.5' Series USGS Map Reference(s): Bonanza (1968; PR 1987) Count Smithsonian Numbers Sites Reported Archaeological Sites Revisits (no inventory form update) Updates (update IMACS site inventory form attached) New recordings (IMACS site inventory form attached) 0 Total Count of Archaeological Sites 0 0 Hist. Structures(USHS 106 Site info form attached) 0 Total National Register Eligible Sites Checklist of Required Items 1. X 1 Copy of the final report 2. X Copy of 7.5' Series USGS Map with Surveyed/Excavated Area Clearly Identified. Completed IMACS Site Inventory Forms, Including 3. __Parts A and B or C, __the IMACS encoding Form, Site Sketch Map, Photographs, and __Copy of the Appropriate 7.5' Series USGS Map w/ the Site Location Clearly Marked and Labeled w/ the Smithsonian Site Number

4. X Completed "Cover Sheet" Accompanying Final Report and Survey Materials

The Houston Exploration Company: Class III Cultural Resource Inventory for the Bonanza 2B-16 Well Project in Uintah County, Utah

by
Patrick O'Brien
Metcalf Archaeological Consultants, Inc.
P.O. Box 899
Eagle, CO 81631

for
The Houston Exploration Company
1100 Louisiana, Suite 2000
Houston Texas 77002

Utah State Antiquities Permit No. U-04-MM Expires 2/10/2005

Project No. U-04-MM-0389s

Introduction

Metcalf Archaeological Consultants, Inc. (MAC) conducted a Class III cultural resource inventory for The Houston Exploration Company's proposed Bonanza 2B-16 well pad in Uintah County, Utah (Figure 1). The project is located in the east of the Uintah Basin about a half mile north-northwest of the Little Bonanza mining complex in the NW/NE of section 16, T9S, R24E, Uintah County, Utah.

A 10 acre block centered on the proposed location-to-drill stake was inventoried. The well will be drilled on a prepared, level, earthen pad approximately 2.5 acres in size. The access will be about 30' wide and approximately 930 feet long. Approximately 530 feet of the access will follow the route of an existing two-track that will require upgrading. The remaining 400 feet of access will be built new. Approximately 800 feet of the proposed access is outside the 10 acre survey block and was inventoried separately. This additional inventory consisted of a corridor 100 feet wide and 800 feet long. Thus, approximately 11.8 acres were inventoried for this well project. The entire project area is owned by the State of Utah and managed by the State Institutional and Trust Lands Administration (SITLA) in Salt Lake City, Utah.

This cultural resource inventory was conducted to locate, identify, and evaluate any cultural resources within the project boundaries. The fieldwork was conducted by MAC staff archaeologist John M. Scott on April 29, 2004 under the stipulations of the Utah Antiquities Annual Permit #U-04-MM (expires 2/10/05). All field notes, maps, and photographic negatives are on file at the MAC office in Eagle, Colorado.

Project Setting

The proposed well is located in the eastern portion of the Uinta Basin. More specifically, it is approximately one mile south of Coyote Wash and four to five miles north of the White River. This area is a broken plain that slopes gently down to the west-northwest, and is moderately rugged with ridges, hills/buttes, and moderately deep, incised drainages. Most of this region drains by a series of dendritic streams that flow west into the White River. The specific well location is staked in a shallow basin that slopes down to the north. The immediate area is moderately dissected by shallow erosional channels that drain north.

The access begins at the intersection of a reconditioned road and an existing road to a nearby gilsonite mine. From this intersection, the access follows a two-track northeast for about 530 feet, then turns east-northeast and continues for another 400 feet to the northwest corner of the proposed pad.

Geologically, the study area is dominated by the Tertiary-aged Uinta Formation, which includes sandstone, shale, siltstone and conglomerate (Hintze 1980; Stokes 1986:155). The area suffers substantial erosion and the soil deposition consists of silty sand with many exposed sandstone

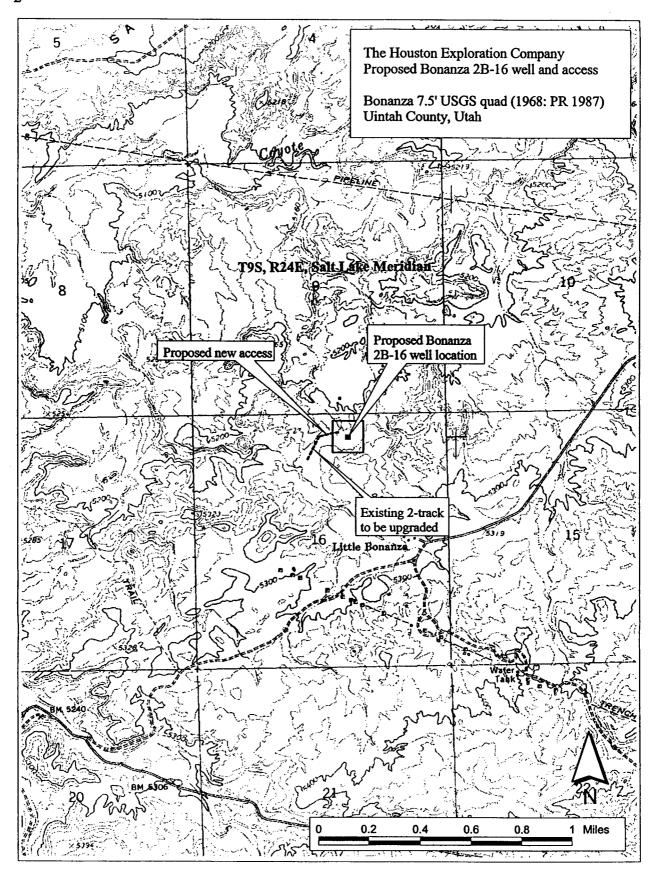


Figure 1 Location of the proposed Bonanza #2B-16 well and access development

cobbles and gravels. The vegetation is a semi-arid desert shrubland dominated by sagebrush, sparse rabbitbrush, and greasewood. The ground surface visibility was excellent with only a 10-25% cover.

Cultural History and Files Search

A files search was conducted at the Utah Division of State History in Salt Lake City on April 28, 2004 for the project area. This search revealed that three previous projects have included parts of section 16, T9S, R24E. In addition, four more inventories have included portions of section 9, T9S, R24E within one-half mile of the current project area. None of these seven previous inventories overlaps with the survey block or access road for the proposed Bonanza 2B-16 location.

The cultural history of the area has been detailed by Spangler (1995), and the region immediately to the east in Colorado has been discussed by Reed and Metcalf (1999). The reader is directed to these sources for in-depth discussions of the region's cultural history.

Based on the fact that sites have been recorded in the general region, MAC thought it possible that sites could be found in the project area. These sites would most likely be either short term prehistoric activity areas or remains associated with gilsonite mining and exploration which is ongoing to the west and southwest of the project area.

Methods

The proposed well location was studied by walking parallel pedestrian transects spaced no more than 15 m apart to cover the north-south oriented 10 acre block centered on the location-to-drill stake. The proposed access route was inspected by walking a zigzag transect on each side of the proposed centerline, resulting in coverage of a 100 foot-wide corridor. The entire 800 feet of proposed access outside the 10 acre block was inventoried. No cultural resources were encountered. Therefore, procedures for their identification and documentation will not be discussed.

Results and Summary

No cultural properties older than 50 years were located during this inventory and nothing was observed to indicate a potential for buried cultural deposits. However, a small scatter of modern trash (cans, glass) was found in the northwest corner of the 10 acre block. A finding of no historic properties is recommended. Cultural resource clearance is recommended for this well pad and its associated access corridor as staked at the time of inventory.

References Cited

- Hintze, L.
 - 1980 Geologic Map of Utah. Dept. of Natural Resources, Utah Geological and Mineral Survey, Salt Lake City.
- Reed, A. D., and M. Metcalf
 - 1999 Colorado Prehistory: A context for the Northern Colorado River Basin. Colorado Council of Professional Archaeologists.
- Spangler, J. D.
 - 1995 Paradigms and Perspectives A Class I Overview of Cultural Resources In the Uinta Basin and Tavaputs Plateau. Uintah Research, Salt Lake City. Prepared for the Utah Bureau of Land Management, Vernal Field Office. On file, Utah Division of State History, Salt Lake City.
- Stokes, William L.
 - 1986 Geology of Utah. Utah Museum of Natural History and Utah Geological and Mineral Survey, Salt Lake City.

ON-SITE PREDRILL EVALUATION Division of Oil, Gas and Mining

OPERATOR: THE HOUSTON EXPLORATION COMPANY

WELL NAME & NUMBER: BONANZA 2B-16

API NUMBER: 43-047-35694

LEASE: ML-46526 FIELD/UNIT: DEVILS PLAYGROUND

LOCATION: 1/4,1/4 NW/NE Sec: 16 TWP: 9S RNG: 24E 2039' FEL 495' FNL LEGAL WELL SITING: 460 F SEC. LINE; 460 F 1/4,1/4 LINE; 920 F ANOTHER WELL.

GPS COORD (UTM): 652179E 4433712N SURFACE OWNER: STATE OF UTAH

PARTICIPANTS

DAVID W. HACKFORD (DOGM). FLOYD BARTLETT (DWR). ROBERT ANDERSON (HOUSTON EXPLORATION).

REGIONAL/LOCAL SETTING & TOPOGRAPHY

SITE IS ON A BROKEN PLAIN THAT SLOPES GENTLY TO THE NORTHWEST, AND IS MODERATELY RUGGED WITH RIDGES, BUTTES, AND MODERATELY DEEP, INCISED DRAINAGES. MOST OF THIS REGION DRAINS BY A SERIES OF DENDRITIC STREAMS WHICH FLOW WEST TO THE WHITE RIVER. THIS SITE IS IN A VERY SHALLOW BASIN THAT SLOPES GRADUALLY TO THE NORTH. THE IMMEDIATE AREA IS MODERATELY DISSECTED BY SHALLOW EROSIONAL CHANNELS THAT DRAIN TO THE NORTH BEFORE TURNING TO THE WEST.

SURFACE USE PLAN

CURRENT SURFACE USE: WILDLIFE AND LIVESTOCK GRAZING, HUNTING. THE AMERICAN GILSONITE 1-2 MINE IS 0.2 MILES TO THE SOUTHWEST.

PROPOSED SURFACE DISTURBANCE: LOCATION WILL BE 330' BY 240'. ACCESS ROAD WILL BE 400 FEET PLUS 0.1 MILES OF TWO-TRACK WHICH NEEDS UPGRADED.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE ATTACHED MAP FROM GIS DATABASE.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: ALL PRODUCTION FACILITIES WILL BE ON LOCATION AND ADDED AFTER DRILLING WELL. PIPELINE WILL BE SURVEYED AND PERMITTED IF NEEDED.

SOURCE OF CONSTRUCTION MATERIAL: <u>ALL CONSTRUCTION MATERIAL WILL BE</u> BORROWED FROM SITE DURING CONSTRUCTION OF LOCATION.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

WASTE MANAGEMENT PLAN:

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS FROM PIT WILL BE ALLOWED TO EVAPORATE. FORMATION WATER WILL BE CONFINED TO STORAGE TANKS. SEWAGE FACILITIES, STORAGE AND DISPOSAL WILL BE HANDLED BY COMMERCIAL CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO AN APPROVED LAND FILL.

ENVIRONMENTAL PARAMETERS

AFFECTED	FLOODPLAINS	AND/OR	WETLANDS:	NONE		
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FLORA/FAUNA: SAGE, GREASEWOOD, HORSEBRUSH, PRICKLY PEAR, SHADSCALE: DEER, ANTELOPE, RODENTS, RAPTORS, SONGBIRDS, BOBCAT, COYOTE, RABBITS.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY CLAY.

EROSION/SEDIMENTATION/STABILITY: <u>VERY LITTLE NATURAL EROSION.</u>
<u>SEDIMENTATION AND STABILITY ARE NOT A PROBLEM AND LOCATION CONSTRUCTION</u>
SHOULDN'T CAUSE AN INCREASE IN STABILITY OR EROSION PROBLEMS.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED

RESERVE PIT

CHARACTERISTICS: 147' BY 75' AND 12' DEEP.

LINER REQUIREMENTS (Site Ranking Form attached): A LINER WILL NOT BE REQUIRED FOR RESERVE PIT.

SURFACE RESTORATION/RECLAMATION PLAN

AS PER SITLA.

SURFACE AGREEMENT: AS PER SITLA.

CULTURAL RESOURCES/ARCHAEOLOGY: <u>SITE WAS INSPECTED BY METCALF ARCHEOLOGICAL CONSULTANTS. A REPORT OF THIS INVESTIGATION WILL BE PLACED ON FILE.</u>

OTHER OBSERVATIONS/COMMENTS

THIS PREDRILL INVESTIGATION WAS CONDUCTED ON A WARM, SUNNY DAY WITH NO SNOW COVER.

ATTACHMENTS

PHOTOS OF THIS SITE WERE TAKEN AND PLACED ON FILE.

DAVID W. HACKFORD
DOGM REPRESENTATIVE

5/18/04, 9:30 AM DATE/TIME

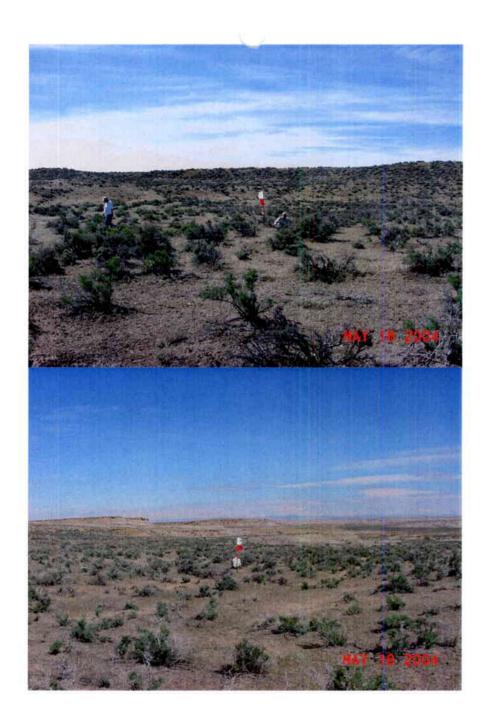
Evaluation Ranking Criteria and Ranking Score For Reserve and Onsite Pit Liner Requirements

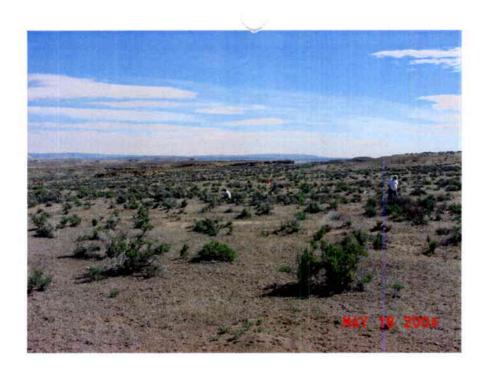
Site-Specific Factors	Ranking	Site Ranking
Distance to Groundwater (feet)		
>200 100 to 200	0 5	
75 to 100 25 to 75	10 15	
<25 or recharge area	20	5
Distance to Surf. Water (feet) >1000	0	
300 to 1000	2	
200 to 300 100 to 200	10 15	
< 100	20	0
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280 500 to 1320	5 10	
<500	20	0
Distance to Other Wells (feet)	•	
>1320 300 to 1320	0 10	
<300	20	0
Native Soil Type	0	
Low permeability Mod. permeability	0 10	
High permeability	20	<u>0</u>
Fluid Type Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000 TDS >10000 or Oil Base Mud Fluid	10 15	
containing significant levels of		_
hazardous constituents	20	5
Drill Cuttings Normal Rock	0	
Salt or detrimental	10	0
Annual Precipitation (inches)		
<10 10 to 20	0 5	
>20	10	0
Affected Populations		
<10 10 to 30	0 6	
30 to 50	8	0
>50	10	0
Presence of Nearby Utility Conduits		
Not Present Unknown	0 10	
Present	15	0

Final Score 10 (Level III Sensitivity)

Sensitivity Level I = 20 or more; total containment is required. Sensitivity Level II = 15-19; lining is discretionary.

Sensitivity Level III = below 15; no specific lining is required.





DIVISION OF OIL, GAS AND MINING APPLICATION FOR PERMIT TO DRILL STATEMENT OF BASIS

OPERATOR:	THE HOUSTON EXPLORATION COMPANY
WELL NAME & NUMBER:	BONANZA #2B-16
API NUMBER:	43-047-35694
LOCATION: 1/4,1/4 NW/NE Sec:	<u>16</u> TWP: <u>9S</u> RNG: <u>24E</u> <u>2039'</u> FEL <u>495'</u> FNL
Geology/Ground Water:	
moderately saline water is estimated water wells within a 10,000 foot rad Uinta Formation. The Uinta Format	t 2,000 feet of surface casing cemented to the surface. The base of the lat 2,700 feet. A search of Division of Water Rights records shows no lius of the proposed location. The surface formation at this location is the ation is made up of discontinuous sands interbedded with shales and are not s. The proposed surface casing should adequately protect any near surface
Reviewer: <u>Brad</u>	Hill Date: 05-19-04
Surface:	
The predrill investigation of the sur	face was performed on 05/18/04. Floyd Bartlett with DWR and Ed Bonner
	stigation on 05/11/04. Mr. Bartlett was present. He had no concerns regarding
the construction of this location or the	e drilling of the well. SITLA did not have a representative present. This site is
	and appears to be the best site for a location in the immediate area. There is a
	f this site, and numerous other gilsonite mines in this section. A diversion ditch
will be constructed around the east s	ide of the proposed location, to keep run-off from crossing location.
Reviewer: <u>David W</u>	. Hackford
Conditions of Approval/Application	on for Permit to Drill:

None.

Well name:

05-04 Houston Bonanza 2B-16

Operator:

Houston Exploration

String type:

Surface

Project ID:

43-047-35694

Design parameters:

Collapse

Mud weight:

8.400 ppg

Design is based on evacuated pipe.

Minimum design factors:

Collapse: Design factor

1.125

Environment:

H2S considered? Surface temperature:

No 75 °F 103 °F

Bottom hole temperature: Temperature gradient:

1.40 °F/100ft

Minimum section length: 1.500 ft

Burst:

Design factor

1.00

1.80 (J)

1.80 (J)

Cement top:

437 ft

Burst

Max anticipated surface

No backup mud specified.

pressure: Internal gradient: Calculated BHP

1,760 psi 0.120 psi/ft

2,000 psi

Tension:

8 Round STC: 8 Round LTC: **Buttress:**

1.60 (J) Premium: 1.50 (J) 1.50 (B)

Body yield:

Tension is based on buoyed weight. Neutral point: 1,751 ft

Non-directional string.

Re subsequent strings:

Next setting depth: Next mud weight: Next setting BHP:

8,430 ft 9.300 ppg 4,073 psi 19.250 ppg

Fracture mud wt: Fracture depth: Injection pressure

2,000 ft 2,000 psi

Run	Segment		Nominal		End	True Vert	Measured	Drift	Internal
Seq	Length (ft)	Size (in)	Weight (lbs/ft)	Grade	Finish	Depth (ft)	Depth (ft)	Diameter (in)	Capacity (ft³)
1	2000 -	9.625	36.00	K-55	ST&C	2000	2000	8.765	142.4
Run	Collapse	Collapse	Collapse	Burst	Burst	Burst	Tension	Tension	Tension
Seq	Load (psi)	Strength (psi)	Design Factor	Load (psi)	Strength (psi)	Design Factor	Load (Kips)	Strength (Kips)	Design Factor
1	873	2020	2.315 -	2000	3520	1.76	63	423	6.71 J 🗍

Prepared

Clinton Dworshak

Utah Div. of Oil & Mining

Phone: (801) 538-5280

FAX: (801) 359-3940

Date: May 19,2004 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2000 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:

05-04 Houston Bonanza 2B-16

Operator:

Houston Exploration

String type:

Production

Project ID: 43-047-35694

Design parameters:

Collapse

Mud weight:

9.300 ppg Design is based on evacuated pipe.

Minimum design factors: Collapse:

Design factor

1.125

Environment: H2S considered?

No Surface temperature: 75 °F Bottom hole temperature: 193 °F

1.40 °F/100ft Temperature gradient: Minimum section length: 1,500 ft

Burst:

Design factor

1.00

1.80 (J)

1.80 (J)

1.60 (J) 1.50 (J)

1.50 (B)

4,158 ft

Burst

Max anticipated surface

pressure:

3,061 psi 0.120 psi/ft

Internal gradient: Calculated BHP

4,073 psi

No backup mud specified.

Tension:

8 Round STC: 8 Round LTC: **Buttress:**

Premium: Body yield:

Tension is based on buoyed weight. Neutral point: 7,241 ft

Cement top:

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	8430 -	5.5	17.00	N-80 —	LT&C	8430	8430	4.767	290.5
Run Seq	Collapse Load (psi) 4073	Collapse Strength (psi) 6290	Collapse Design Factor 1.544	Burst Load (psi) 4073	Burst Strength (psi) 7740	Burst Design Factor	Tension Load (Kips) 123	Tension Strength (Kips) 348	Tension Design Factor 2.83 J

Prepared

Clinton Dworshak

Utah Div. of Oil & Mining

Phone: (801) 538-5280

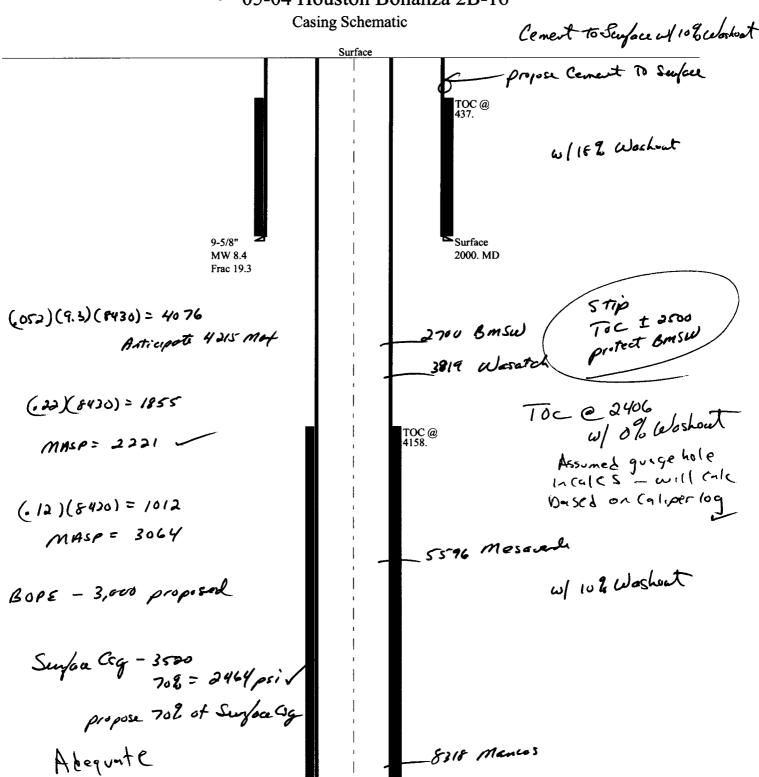
FAX: (801) 359-3940

Date: May 19,2004 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 8430 ft, a mud weight of 9.3 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.



Production

8430. MD

Dr.D 5/21/04

MW 9.3

From:

Ed Bonner

To:

Whitney, Diana

Date:

5/24/2004 9:43:21 AM

Subject:

Well Clearance

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

The Houston Exploration Company Bonanza 2B-16

Westport Oil & Gas Company

NBU 1022-7C

NBU 1022-7D

NBU 1022-7E

NBU 1022-7F

NBU 1022-7G

State 1022-32I

If you have any questions regarding this matter please give me a call.

CC:

Garrison, LaVonne; Hill, Brad; Hunt, Gil



State of Utah

Department of Natural Resources

ROBERT L. MORGAN Executive Director

Division of Oil, Gas & Mining

LOWELL P. BRAXTON
Division Director

OLENE S. WALKER

GAYLE F. McKEACHNIE
Lieutenant Governor

May 24, 2004

Houston Exploration Company 1100 Louisiana, Suite 2000 Houston, TX 77002

Re:

Bonanza 2B-16 Well, 495' FNL, 2039' FEL, NW NE, Sec. 16, T. 9 South, R. 24 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-35694.

Sincerely,

(for) John R. Baza

Associate Director

pab Enclosures

cc: Uintah County Assessor

SITLA

Operator:	Houston Exploration Company
Well Name & Number	Bonanza 2B-16
API Number:	43-047-35694
Lease:	ML-46526

Location: <u>NW NE</u> <u>Sec. 16</u> <u>T. 9 South</u> <u>R. 24 East</u>

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
- 5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
- 6. Surface casing shall be cemented to the surface.

Page 2 Conditions of Approval API #43-47-35694 May 24, 2004

- 7. A 5 ½" production string shall be cemented back to ±2500' minimum to protect base of moderately saline ground water.
- 8. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company:	THE HOU	STON EXPLORA	TION COMPANY
Well Name:	BONANZA	2B-16	
Api No: 43-047-3569	94	Lease Type:	STATE
Section 16 Township	09S Range_	24E County	UINTAH
Drilling Contractor	PETE MARTIN	RIC	G#BUCKET
·	05/31/04		
	DRY		
Drilling will commend	ce: <u>JUNE</u>	1, 2004	
Reported by	KENNETH NIE	LSON	
Telephone #	1-435-828-2187		
Date 06/02/2004	Signed	СНД	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

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FORM 6

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PNIIIA	AFTIF	N FORM

Operator:

The Houston Exploration Company

Operator Account Number: N 2525

Address:

1100 Louisiana, Suite 2000

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city Houston

state TX zip 77002

Phone Number: (713) 830-6860

Well 1

APT Number	The second second	/ell Name	, go	Sec	Typ	RA	Sounty
43-047-35694	Bonanza 2B-	16	ńwne	16	95	24E	Vinta h
Action Code	Current Entity Number	New Entity Number		ptid Da		Ent	ific ata ignment Hestive Date
A	99999	14/86	5/3	1/04		6	17/04
Comments:	CSLGT						

Well 2

The company of	·	25 - 21 P - 1 T -	11 . O.O	(1) M mm > H mb h > 10	THE	15 18 5 18 7 3 70 18 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	O SON W
Action Co	da L. Cvi	rent Entity	New Eni		Spud Date	Entity Assignm	ent.
		Number	Numbe		THE PROPERTY OF THE PROPERTY O	Effective Dat	2 1 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
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ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

Theresa Overturf

Thereoa

erBustane

Engineering Technician

ENECEIVED

(5/2000)

JUN 0 4 2004

		STATE OF UTAH	IDCEC	FORM 9					
0	07	DEPARTMENT OF NATURAL RESOLUTION OF OIL, GAS AND M		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-46526					
	SUNDRY NOTICES AND REPORTS ON WELLS 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:								
Dor	not use this form for proposals to drill n drill horizontal la	new wells, significantly deepen existing wells below caterals. Use APPLICATION FOR PERMIT TO DRILL	urrent bottom-hole depth, reenter plugged wells, _ form for such proposals.	7. UNIT or CA AGREEMENT NAME:					
1. T\	PE OF WELL OIL WELL	GAS WELL OTHER	P+A	8. WELL NAME and NUMBER: Bonanza #2B-16					
	AME OF OPERATOR: e Houston Exploration	Company		9. API NUMBER: 4304735694					
	DDRESS OF OPERATOR: 00 Louisiana, Suite 2000 _{CIT}	Y Houston STATE TX	PHONE NUMBER: (713) 830-693	To. FIELD AND POOL, OR WILDCAT: Devils Playground					
4. LC	DCATION OF WELL		(P)						
FC	DOTAGES AT SURFACE: 495' F	NL & 2039' FEL		соинту: Uintah					
Q.	TR/QTR, SECTION, TOWNSHIP, RAN	NGE, MERIDIAN: NWNE 16 9S	24E	STATE: UTAH					
11.	CHECK APPI	ROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, R	EPORT, OR OTHER DATA					
	TYPE OF SUBMISSION		TYPE OF ACTION						
	NOTICE OF INTENT	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION					
	(Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL					
	Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON					
		CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	UBING REPAIR VENT OR FLARE					
	SUBSEQUENT REPORT	CHANGE TUBING CHANGE WELL NAME	X PLUG AND ABANDON PLUG BACK	WATER DISPOSAL					
نگ	(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF					
	Date of work completion:	COMMINGLE PRODUCING FORMATIONS		OTHER:					
		CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORM						
12.	DESCRIBE PROPOSED OR CO	OMPLETED OPERATIONS. Clearly show all	pertinent details including dates, depths,	volumes, etc.					
	1/04 through 6/1	6/04 Spud well and dr Drld to 7823'. L 5852'-5512', plu	1d to 2190'. Ran 9 : og. Plug #1 100 sx : g #3 100 sx 4120'-373 lug #4 50 sx 2187'-19	5/8" csg to 2161' and cmtd. 7823'-7483', plug #2 100 sx 80', plug #4 50 sx 2256'- 909', plug #5 50 sx 132'-32'.					
	E (DI EASE DRINT) Theresa C	Overturf	TITLE Engineering	Technician					
NAM	E (PLEASE PRINT)	0. 1 1							
SIGN	IATURE NUMBER	· Ullettus	DATE 7/9/04						

(This space for State use only)

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FORM 9 STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING 008 ML-46526 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 8. WELL NAME and NUMBER: 1. TYPE OF WELL GAS WELL **OTHER** Bonanza #2B-16 9 APINUMBER: 2. NAME OF OPERATOR: 4304735694 The Houston Exploration Company PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT: 3. ADDRESS OF OPERATOR: STATE TX 71P 77002 (713) 830-6938 Devils Playground 1100 Louisiana, Suite 2000 CITY Houston 4. LOCATION OF WELL COUNTY: Uintah FOOTAGES AT SURFACE: 495' FNL & 2039' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 16 24E STATE: UTAH CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF ACTION TYPE OF SUBMISSION REPERFORATE CURRENT FORMATION DEEPEN **ACIDIZE** NOTICE OF INTENT SIDETRACK TO REPAIR WELL FRACTURE TREAT (Submit in Duplicate) ALTER CASING TEMPORARILY ABANDON Approximate date work will start: CASING REPAIR **NEW CONSTRUCTION** OPERATOR CHANGE **TUBING REPAIR** CHANGE TO PREVIOUS PLANS PLUG AND ABANDON VENT OR FLARE CHANGE TUBING WATER DISPOSAL PLUG BACK SUBSEQUENT REPORT CHANGE WELL NAME (Submit Original Form Only) PRODUCTION (START/RESUME) WATER SHUT-OFF **CHANGE WELL STATUS** Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: RECOMPLETE - DIFFERENT FORMATION CONVERT WELL TYPE 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Spud well and drld to 2190'. Ran 9 5/8" csg to 2161' and cmtd. 6/1/04 through 6/16/04 Drld to 7823'. Log. Plug #1 100 sx 7823'-7483', plug #2 100 sx 5852'-5512', plug #3 100 sx 4120'-3780', plug #4 50 sx 2256'-2187'. Repump plug #4 50 sx 2187'-1909', plug #5 50 sx 132'-32'. Released Rid. Well P&A 6/16/04. **Engineering Technician** Theresa Overturf NAME (PLEASE PRINT)

(This space for State use only)

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7/9/04

	•		_	TATE OF UT		-0				D REPORT Changes)	FORM 8
ĺ				OF OIL, GAS					_ \	<u> </u>	SERIAL NUMBER:
	<u>009</u>								ML-46		
	WEL	L COMPLE	TION OR	RECOMPL	ETION R	REPOR	T ANI	D LOG	6. IF INDIAN	, ALLOTTEE OR T	RIBE NAME
	1a. TYPE OF WELL	.:	OIL	GAS WELL	DRY XX	OTHE	R		7. UNIT or C	A AGREEMENT N	AME
	b. TYPE OF WOR			n=		JUNE	IUEI	INITIN	8. WELL NA	ME and NUMBER:	
	WELL X	HORIZ.	DEEP-	RE- ENTRY	DIFF. RESVR.	1019HE	<u> (חו־ו</u>	VIIAL		za 2B-16	
	2. NAME OF OPER The Hou	ston Expl	oration C	ompany					9. API NUME 43-04	7-35694	
	3. ADDRESS OF O	PERATOR:						NUMBER:		D POOL, OR WILD	CAT
110	0 Louisia 4. LOCATION OF V		00™ Hous	ton STATE	TX ZIP	77002	1713	-830-6938 - CF IVE	Wilde 11. QTR/QTI	at R, SECTION, TOW N:	NSHIP, RANGE,
		495' FNL	§ 2039' F	EL				To the Late			
		CING INTERVAL REI					N	OV 18 200	4 NWNE	Sec 16,	T9S, R24E
	AT TOTAL DEPT	тн:				ſ.	IV. OF	OIL, GAS & MI	12. COUNT	h	13. STATE UTAH
	14. DATE SPUDDE	4	E T.D. REACHED:	16. DATE COMPL		ABANDONE		READY TO PRODUC	I 17. ELE	VATIONS (DF, RK	
	6/8/04 18. TOTAL DEPTH:		/12/04 	6/1	16/04			OMPLETIONS, HOW		TH BRIDGE M	
	io. Forac del III.	TVD	10. 720	TVD	i Kailanta akta ad	20. 11 1410)	OWN EETHONO, HOW		LUG SET:	
	22. TYPE ELECTRI	C AND OTHER MECH	IANICAL LOGS RUN	(Submit copy of each))		23.	· · · · · · · · · · · · · · · · · · ·			
	iN1	- atform Ex	press,TC	OM SPLI	CE MO	DLOG	WAS WEL WAS DST	L CORED? RUN?		=	bmit analysis) bmit report)
	10	VICALY	Allic)	GR .			DIRECTIO	NAL SURVEY?	ио 🗴	YES (Su	bmit copy)
	24. CASING AND L	NER RECORD (Repo	ort all strings set in	well)		· ₁ · · · · · ·		I	1		
1	HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CE DEP		CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP 1	* AMOUNT PULLED
	<u> 16"</u>	13 3/8"	48#	Surface	40'	<u> </u>			Surface	ļ	
	12 1/4"	9 5/8"	36#	Surface	2161'	ļ		75 sx C1G	762	Surface	
		an an ai ai ke iki an izo - kuno				<u> </u>				-	
	25. TUBING RECOR	RD		1						.	
	SIZE	DEPTH SET (MD) PACKER SET	(MD) SIZE	DEPT	H SET (MD)	PACKE	R SET (MD)	SIZE [DEPTH SET (MD)	PACKER SET (MD)
											<u></u>
	26. PRODUCING IN		AD (MD) L DOTT	OM (MD) TOD (T (D) T POTT			RATION RECORD	SIZE NO. HO	Ee DEDEC	DRATION STATUS
	FORMATION (A)	NAME II	P (MD) BOTT	OM (MD) TOP (TVD) BOTTO	OM (TVD)		L (Top/Bot - MD)	SIZE NO. HO	Open Open	Squeezed Squeezed
	(B)				- 	1.0				Open	Squeezed
	(C)			4 3/						Open	Squeezed
	(D)			-	FEHIOD			Control of the Contro		Open	Squeezed
	28. ACID, FRACTUR	E, TREATMENT, CE	MENT SQUEEZE, ET	rc.	EXPIRED)		en emili			
		NTERVAL		: OM-	7-16-0	AMOU	NT AND T	YPE OF MATERIAL			
			1	- 							
				The many and a second							
	29. ENCLOSED ATT	A CUMENTO.	İ							30 WE	LL STATUS:
		ASTIMENTS.			_				-	n.	
	=	RICAL/MECHANICAL				IC REPORT		OST REPORT	DIRECTIONALS	P&	A
	L SUNDR	Y NOTICE FOR PLUC	GING AND CEMEN	VERIFICATION	CORE AN	ALYSIS		OTHER:			

31. INITIAL PRO	DDUCTION			INT	ERVAL A (As sho	wn in item #26)				
DATE FIRST PR	ODUCED:	TEST DATE:	TEST DATE: HOURS TESTED: TEST PRODUCTI RATES: →		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:	
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:
INTERVAL B (As shown in item #26)										
DATE FIRST PRODUCED: TEST DATE:			HOURS TESTED		TEST PRODUCTION RATES: →	OIL – BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:	
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL ~ BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:
	1	<u> </u>	············	INT	ERVAL C (As shor	wn in item #26)	<u>'</u>			
DATE FIRST PR	DATE FIRST PRODUCED: TEST DATE:		HOURS TESTED: TEST		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:	
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	CSG. PRESS. API GRAVITY		GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:
	<u> </u>			INT	ERVAL D (As show	vn in item #26)				
DATE FIRST PR	ODUCED:	TEST DATE:		HOURS TESTED		TEST PRODUCTION RATES: →	OIL BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU ~ GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:
32. DISPOSITIO	N OF GAS (Sold,	Used for Fuel.	/ented. Etc.)			l,				
			,							
33. SUMMARY	OF POROUS ZON	ES (Include Aq	uifers):			34	4. FORMATION (Log) MARKERS:		
Show all importar	nt zones of porosit	v and contents t	nereof: Cored interva	ils and all drill-stem	tests, includina de	pth interval				
			ut-in pressures and							
Formatio	n I	Top (MD)	Bottom (MD)	Descript	tions, Contents, etc			Name		Top (Measured Depth)
			(
35. ADDITIONAL	•						U			
						.00 sx C1				. i (2)
					lug #4 5	60 sx C1 "(G" Neat	2187'-19	09',	
Plug #5	50 sx (CL "G"	Neat 132 '	-32'.						
					 					
36. I hereby cert				omplete and corre	ct as determined t	from all available reco				
NAME (PLEASE	PRINT) L10	yd Bru	ce	<u> </u>		TITLE Se	enior Op	erations	Enginee	<u>r</u>
SIGNATURE	Host	7 Br	me			DATE 1	1/10/04			
SIGNATURE_										
 drilling 	eting or plugg horizontal la	ing a new w terals from a	•	ore •	significantly de	reviously plugged eepening an exist arbon exploratory	ing well bore	below the previ		
* ITEM 20: Sh	ow the number	er of comple	ions if production	on is measured	d separately fro	om two or more fo	ormations.			
** ITEM 24: Ce	ement Top - S	how how rep	orted top(s) of ce	ement were det	termined (circu	lated (CIR), calcul	lated (CAL), co	ement bond log	(CBL), tempe	rature survey (TS)).
1:	Itah Division o 594 West Nor ox 145801			Phone Fax:	801-538-53 801-359-39					

Salt Lake City, Utah 84114-5801

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

1. DJJ 2. CDW

Change of Operator (Well Sold)	X -	Operato	r Merger					
The operator of the well(s) listed below has chan			6/1/2007					
FROM: (Old Operator): N2525 - The Houston Exploration Company 1100 Louisiana, Suite 2000 Houston, TX 77002	£		3600					
Phone: 1-(713) 830-6800				Phone: 1 (303)	812-1755			
CA No.	Unit:							
WELL NAME	SEC	TWN	RNG	API NO	ENTITY	LEASE	WELL	WELL
<u></u>					NO	TYPE	TYPE	STATUS
SEE ATTACHED LIST								
OPERATOR CHANGES DOCUMENT Enter date after each listed item is completed 1. (R649-8-10) Sundry or legal documentation was 2. (R649-8-10) Sundry or legal documentation was 3. The new company was checked on the Depart	as rece	eived f	from the	NEW operator	on:	7/30/2007 7/30/2007	-	7/31/2007
		01 C0	mmer ce	Business Numb		571171-0143		
4a. Is the new operator registered in the State of U				Dusiliess Num	JCI.	3/11/1-014.	-	
4b. If NO, the operator was contacted contacted of				IN PLACE				
5a. (R649-9-2)Waste Management Plan has been re				INFLACE	_			
5b. Inspections of LA PA state/fee well sites comp				VEC	-			
5c. Reports current for Production/Disposition & S				YES	-	•		
6. Federal and Indian Lease Wells: The BI							DIA	
or operator change for all wells listed on Feder 7. Federal and Indian Units:					BLM	_not yet	BIA	-
The BLM or BIA has approved the successor					:	<u>n/a</u>	-	
8. Federal and Indian Communization Ag						,		
The BLM or BIA has approved the operator 9. Underground Injection Control ("UIC"	')		The D	ivision has appr			_ fer of Au	thority to
Inject, for the enhanced/secondary recovery un	nit/pro	oject fo	or the wa	ater disposal we	ll(s) listed of	on:	n/a	_
DATA ENTRY:								
1. Changes entered in the Oil and Gas Database	on:			7/31/2007				
2. Changes have been entered on the Monthly O	perat	or Ch	ange Sp	oread Sheet on:	}	7/31/2007	-	
3. Bond information entered in RBDMS on:				7/31/2007	_			
4. Fee/State wells attached to bond in RBDMS of				n/a	_			
5. Injection Projects to new operator in RBDMS6. Receipt of Acceptance of Drilling Procedures		PD/Ne	w on:		pending			
BOND VERIFICATION:	101 210	12/110	W OII.		harrang			
Federal well(s) covered by Bond Number:				6236351				
2. Indian well(s) covered by Bond Number:				n/a				
3a. (R649-3-1) The NEW operator of any fee we	ll(s) l	isted c	overed	by Bond Number	er	6218963		
3b. The FORMER operator has requested a relea					not yet	_		
LEASE INTEREST OWNER NOTIFIC	ጉልጥ	ION:	,					
4. (R649-2-10) The FORMER operator of the fee	ا 14. ا	e hac h	een con	tacted and infor	med by a le	etter from the	Division	
of their responsibility to notify all interest own	ers of	this of	ange or	acced and infor	8/1/2007	, , , , , , , , , , , , , , , , , , ,		
COMMENTS:	10 01							

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

	FORM 9
	LEASE DESIGNATION AND SERIAL NUMBER: See Attached List
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
or to	7. UNIT OF CA AGREEMENT NAME:
	8. WELL NAME and NUMBER: See Attached List
	9. API NUMBER: Various
5	10. FIELD AND POOL, OR WILDCAT:
	COUNTY:
	STATE: UTAH
POF	RT, OR OTHER DATA
TION	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON TUBING REPAIR VENT OR FLARE WATER DISPOSAL WATER SHUT-OFF OTHER: Change of Operator
volume	s, etc. N3535
ne Ho ion C	ouston Exploration Company company, a copy of the merger Enduring.
tions	and restrictions concerning
id #6	218963.
ress.	

1	DIVISION OF OIL, GAS AND MINING 5. LEASE DESIGNATION SEE Attached SUNDRY NOTICES AND REPORTS ON WELLS 6. IF INDIAN, ALLOTTI								
SUNDRY	NOTICES AND REPORT	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:						
Do not use this form for proposals to drill ni drill horizontal la	ew wells, significantly deepen existing wells below or terals. Use APPLICATION FOR PERMIT TO DRILL	urrent bottom-hole depth, reenter plugged wells, or to	7. UNIT or CA AGREEMENT NAME:						
t. TYPE OF WELL OIL WELL	GAS WELL OTHER	8. WELL NAME and NUMBER: See Attached List							
2. NAME OF OPERATOR:	N6965		9. API NUMBER:						
Forest Oil Corporation	various								
3. ADDRESS OF OPERATOR: 707 17th Street, #3600	, Denver, STATE CO ZI	PHONE NUMBER (303) 812-1755	10. FIELD AND POOL, OR WILDCAT:						
4. LOCATION OF WELL		SELECTION OF THE PROPERTY OF T	##Au.5						
FOOTAGES AT SURFACE: See at			COUNTY:						
QTR/QTR, SECTION, TOWNSHIP, RANG	GE, MERIDIAN:		STATE: UTAH						
11. CHECK APPR	ROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA						
TYPE OF SUBMISSION TYPE OF ACTION									
☐ NOTICE OF INTENT	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION						
(Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL						
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON						
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR						
	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE						
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL						
Date of work completion:	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF						
bate of work completion.	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	✓ отнек: Change of Operator						
	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION							
12. DESCRIBE PROPOSED OR CO	MPLETED OPERATIONS. Clearly show all	pertinent details including dates, depths, volun	nes, etc. N2525						
Effective 6/1/2007 please	change the operator for the atta	ched list of Utah wells from The F	, - .						
N-2525) to Forest Oil Corp	oration (N-6965). Forest merge	ed with The Houston Exploration	Company, a copy of the merger						
document is attached Th	ie contract operated wells will co	ontinue to be contract operated by	y Enduring.						
			s and restrictions concerning						
	·								
Forest Oil Corporation med	ets the State of Utah bonding re	quirements under Safeco bond #	6218963.						
Please send all future corre	espondence to Forest Oil Corpo	pration at the above listed address	S.						
Forest Oil Corporation, 707	7 17th Street, Suite #3600, Den	ver. CO 80202							
A A \(\triangle \).4	,	,							
(IC) Stage		7 -	5-07						
J. C. Ridens, Senior Vice F	t Oil Corporation as new operator, accepts all applicable terms, conditions, stipulations and restrictions concerning ved operations conducted on the lease or portion of the lease described. t Oil Corporation meets the State of Utah bonding requirements under Safeco bond #6218963. e send all future correspondence to Forest Oil Corporation at the above listed address. t Oil Corporation, 707 17th Street, Suite #3600, Denver, CO 80202 Claudian Total Corporation								
NAME (PLEASE PRINT) Joanne C.	Hresko	TITLE Vice President &	General Mgr Northern Division						
SIGNATURE HOME	. C. Thishes	DATE 7-5.07	7						

APPROVED 7/31/07 No wells in APD status or Carlene Russell

Division of Oil, Gas and Mining

Farlane Puggett Projections of Reverse Side)

RECEIVED Status

(See Instructions of Reverse Side)

Earlene Russell, Engineering Technician

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JUL 3 U 2007

wmp

well name	sec	twp	rng	api	entity	lease	well	stat	flag	unit	qtr_qtr	l num	op no
FEDERAL 28-01	28	080S		4304730098		Federal	GW		11.45		SESE		N2525
CONOCO STATE 32-2	32			4304730100	10096		GW				NENE	ML-11124	N2525
ROCK HOUSE 11-31	31			4304733312			GW	<u> </u>			NESW	UTU-76281	N2525
BONANZA 4B-12	12			4304733806		Federal		PA	1		NWNW	UTU-74426	N2525
WALKER HOLLOW 13-31	31		<u> </u>	4304735039				LA			SESW	UTU-76280	N2525
ROCK HOUSE 6D-32	32	100S	230E	4304735409	14293			S	1		SENW	ML-47063	N2525
BONANZA 2B-16	16	090S	240E	4304735694	14186		D	PA			NWNE	ML-46526	N2525
ROCK HOUSE 2D-36	36			4304735759	14357	State	GW	P			NWNE	ML-47061	N2525
ROCK HOUSE 2D-32	32	100S	230E	4304735760	14317	State	GW	S			NWNE	ML-47063	N2525
ROCK HOUSE 10D-32	32	100S	230E	4304735761	14318	State	GW	S			NWSE	ML-47063	N2525
ROCK HOUSE 12D-32	32	100S	230E	4304735762	14294	State	GW	P	1		NWSW	ML-47063	N2525
ROCK HOUSE 11-36	36	100S	220E	4304735900	14478	State	GW	P			NESW	ML-46907	N2525
ROCK HOUSE 4-36	36	100S	220E	4304735901	14449	State	GW	S	1		NWNW	ML42061	N2525
BONANZA 12A-22	22	090S	240E	4304735922	14520	Federal	D	PA			NWSW	UTU-78118	N2525
BONANZA 14-16	16	090S	240E	4304735941	14521	State	D	PA			SESW	ML-46526	N2525
ROCK HOUSE 11-2	02	110S	230E	4304736153	14695	State	GW	P	С		NESW	ML-47078	N2525
ROCK HOUSE 7-32-10-23	32	100S	230E	4304736306	14766		GW	S			SWNE	ML-47063	N2525
ROCK HOUSE 3-32-10-23	32	100S	230E	4304736307	14781			P			NENW	ML-47063	N2525
ROCK HOUSE 5-32-10-23	32	100S	230E	4304736410	14727	State	GW	S			SWNW	ML-47063	N2525
GUSHER 6-2	02		1	4304736963		State	OW	LA			SENW	ML-49144	N2525
N HORSESHOE 3-16-6-21	16		<u> </u>	4304737391	15716		GW	DRL	C		NENW	ML-49317	N2525
N HORSESHOE 12-7-6-22	07	060S	220E	4304737392		State	GW	LA			NWSW	ML-47969	N2525
N HORSESHOE 16-9-6-22	09			4304737393		State	GW	4			SESE	ML-47969	N2525
N HORSESHOE 14-10-6-22	10	060S	220E	4304737394		State	GW	LA			SESW	ML-47969	N2525
N HORSESHOE 2-15-6-22	15	060S		4304737395		State		LA			NWNE	ML-47969	N2525
N HORSESHOE 4-15-6-22	15	060S	220E	4304737396		State	GW	LA			NWNW	ML-47969	N2525
N WALKER HOLLOW 12-32-6-23	32	060S	230E	4304737397		State	GW	LA	 		NWSW	ML-47777	N2525
N WALKER HOLLOW 16-32-6-23	32	060S	230E	4304737398		State	GW	LA			SESE	ML-47777	N2525
N WALKER HOLLOW 2-32-6-23	32	060S	230E	4304737399	15741	State	GW	DRL	С		NWNE	ML-47777	N2525
N WALKER HOLLOW 10-32-6-23	32	060S	230E	4304737400		State	GW	LA			NWSE	ML-47777	N2525
N WALKER HOLLOW 8-32-6-23	32	060S	230E	4304737401		State	GW	LA			SENE	ML-47777	N2525
N WALKER HOLLOW 11-36-6-23	36	060S	230E	4304737462		State	GW	LA			NESW	ML-47970	N2525
N WALKER HOLLOW 13-36-6-23	36	060S	230E	4304737463		State	GW	LA			swsw	ML-47970	N2525
N WALKER HOLLOW 15-36-6-23	36	060S	230E	4304737464		State	GW	LA			SWSE	ML-47970	N2525
N WALKER HOLLOW 14-32-6-23	32	060S	230E	4304737478		State	GW	LA	İ		SESW	ML-47777	N2525
HACKING RES 11-32-8-25				4304737479		State	GW	LA			NESW	ML-11124	N2525
HACKING RES 3-32-8-25				4304737480		State	GW	 			NENW	ML-11124	N2525
HACKING RES 5-32-8-25		080S	250E	4304737481		State	GW				SWNW	ML-11124	N2525
HACKING RES 15-32-8-25				4304737482		State	GW	+			SWSE	ML-11124	N2525
HACKING RES 9-32-8-25		080S	250E	4304737483		State	GW				NESE	ML-11124	N2525
HACKING RESERVOIR 7-32-8-25	32	080S	250E	4304737571	15885	State		DRL	C		SWNE	ML-11124	N2525